

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
 Data File : VV036525.D
 Acq On : 15 Jul 2024 14:14
 Operator : SY/MD
 Sample : P3215-08
 Misc : 4.84g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 16 01:27:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 01:25:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

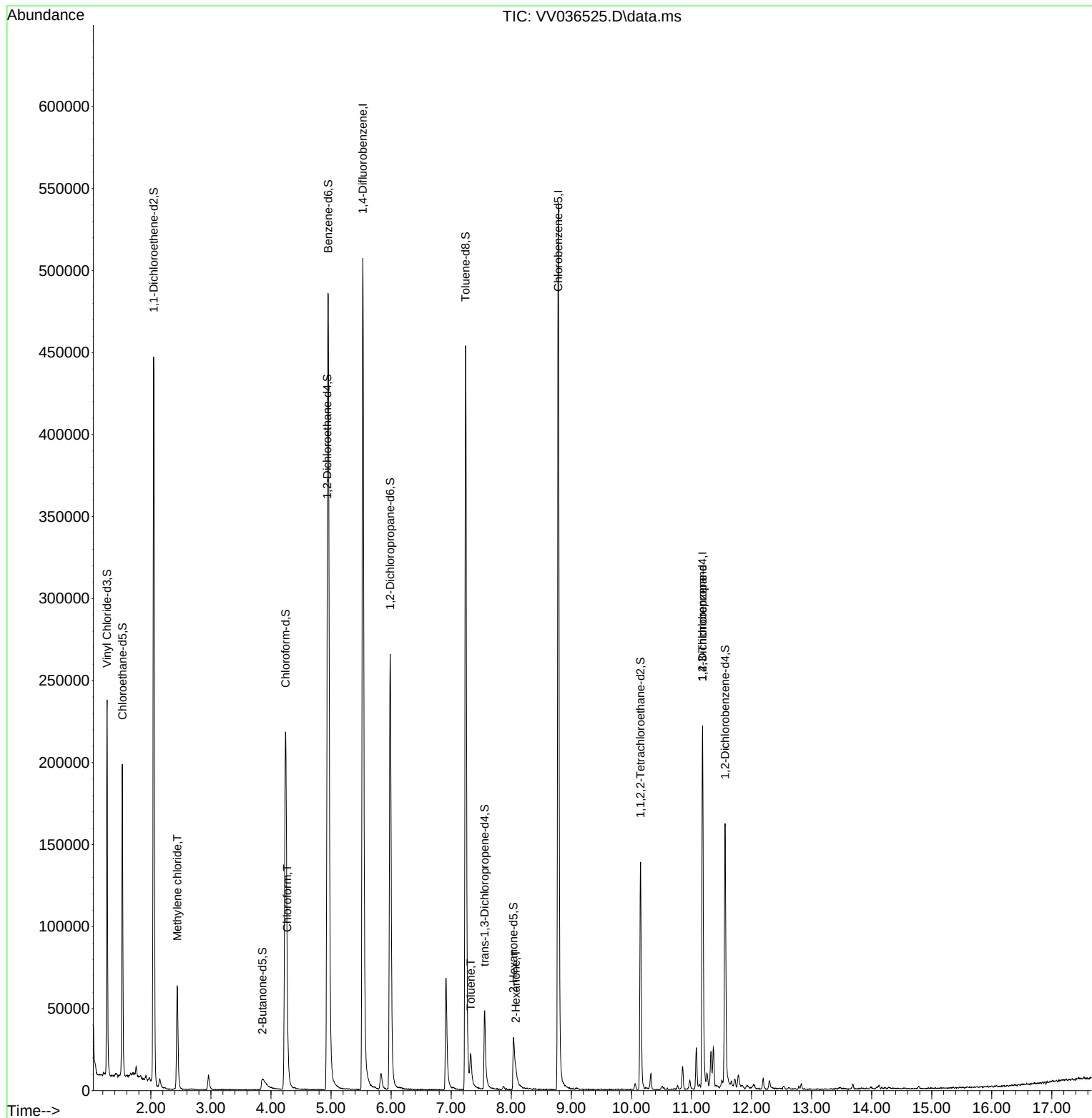
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	475518	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	322773	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	64343	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	151911	22.298	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.200%		
7) Chloroethane-d5	1.526	69	132120	22.181	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.720%		
11) 1,1-Dichloroethene-d2	2.047	65	69913	19.985	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.920%		
21) 2-Butanone-d5	3.857	46	10187	8.736	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	17.480%#		
24) Chloroform-d	4.243	84	243824	17.616	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	70.480%		
26) 1,2-Dichloroethane-d4	4.937	65	120191	17.508	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	70.040%		
32) Benzene-d6	4.953	84	453176	28.143	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	112.560%		
36) 1,2-Dichloropropane-d6	5.986	67	132182	27.544	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	110.160%		
41) Toluene-d8	7.240	98	326720	21.990	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.960%		
43) trans-1,3-Dichloroprop...	7.558	79	31307	15.691	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	62.760%		
47) 2-Hexanone-d5	8.037	63	10378	19.471	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	38.940%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	66466	16.445	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	65.760%		
66) 1,2-Dichlorobenzene-d4	11.561	152	42106	19.283	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	77.120%		
Target Compounds						Qvalue
16) Methylene chloride	2.439	84	30387	3.108	ug/L	95
25) Chloroform	4.272	83	7155	0.521	ug/L	92
42) Toluene	7.326	91	16855	0.996	ug/L	98
48) 2-Hexanone	8.076	43	4266	3.139	ug/L #	38
61) 1,2,3-Trichloropropane	11.185	75	6350	5.547	ug/L #	59

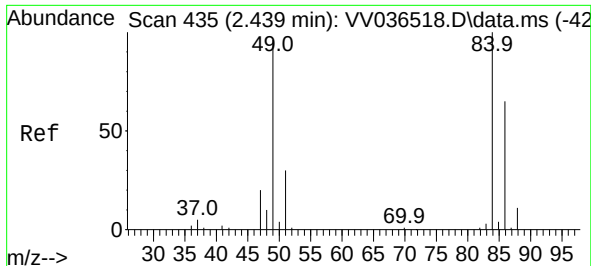
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:25:30 2024
Response via : Initial Calibration

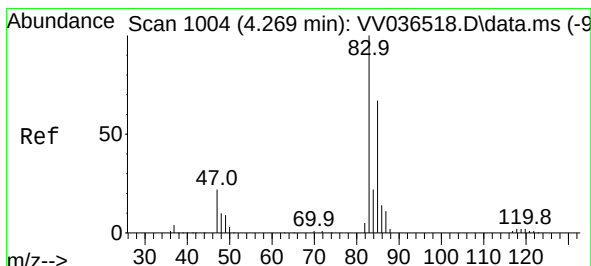
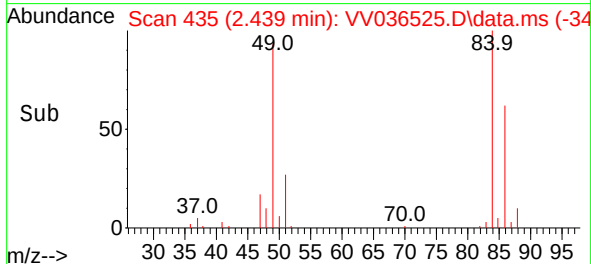
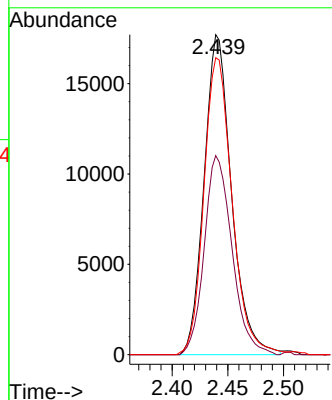
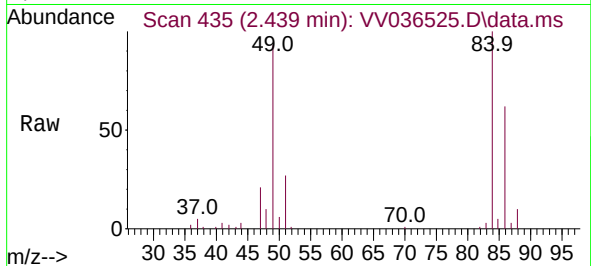




#16
Methylene chloride
Concen: 3.108 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036525.D
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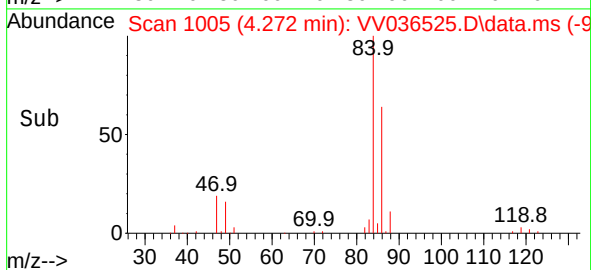
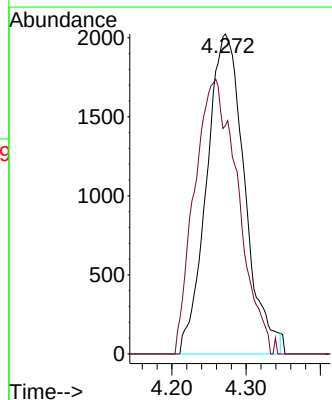
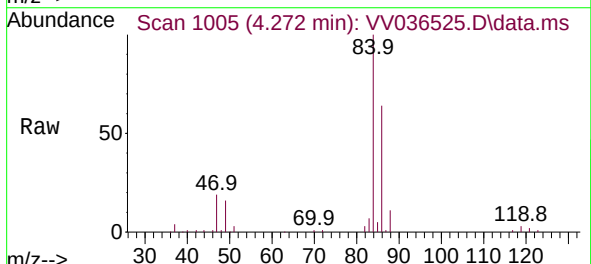
Instrument :
MSVOA_V
ClientSampleId :

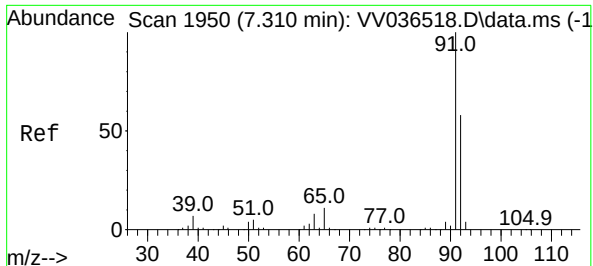
Tgt Ion: 84 Resp: 30387
Ion Ratio Lower Upper
84 100
86 62.2 46.3 86.1
49 92.8 68.1 126.5



#25
Chloroform
Concen: 0.521 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV036525.D
Acq: 15 Jul 2024 14:14

Tgt Ion: 83 Resp: 7155
Ion Ratio Lower Upper
83 100
85 71.3 45.6 84.6





#42

Toluene

Concen: 0.996 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.016 min

Lab File: VV036525.D

Acq: 15 Jul 2024 14:14

Instrument :

MSVOA_V

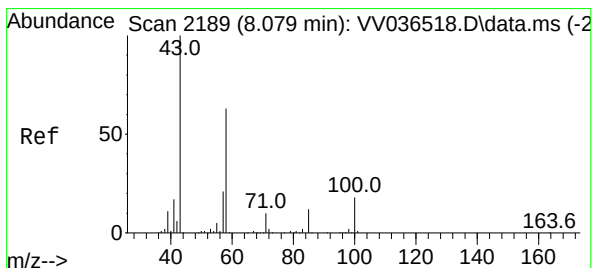
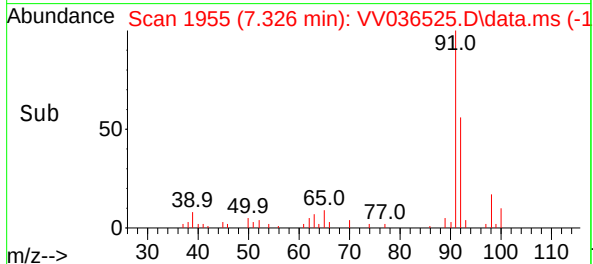
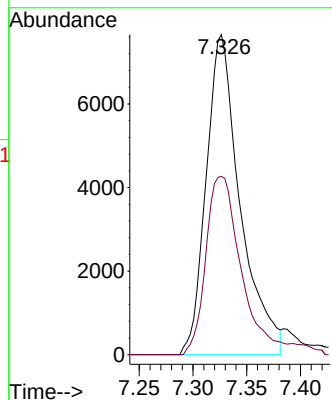
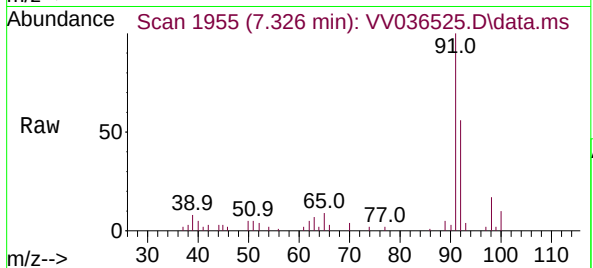
ClientSampleId :

Tgt Ion: 91 Resp: 16855

Ion Ratio Lower Upper

91 100

92 55.7 40.1 74.5



#48

2-Hexanone

Concen: 3.139 ug/L

RT: 8.076 min Scan# 2188

Delta R.T. -0.003 min

Lab File: VV036525.D

Acq: 15 Jul 2024 14:14

Tgt Ion: 43 Resp: 4266

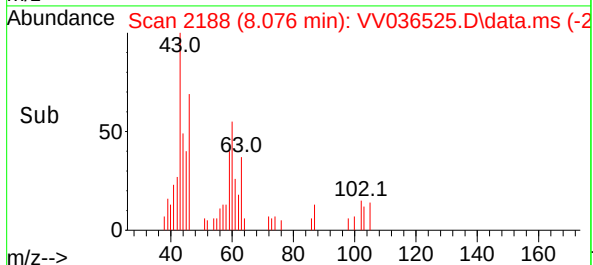
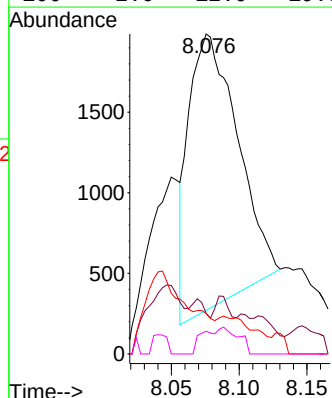
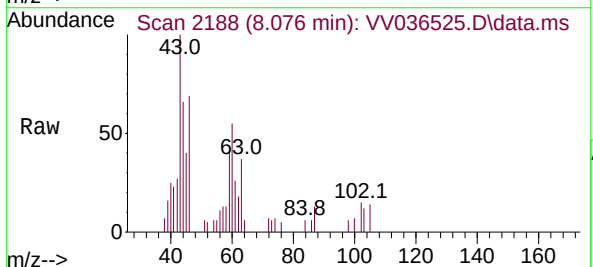
Ion Ratio Lower Upper

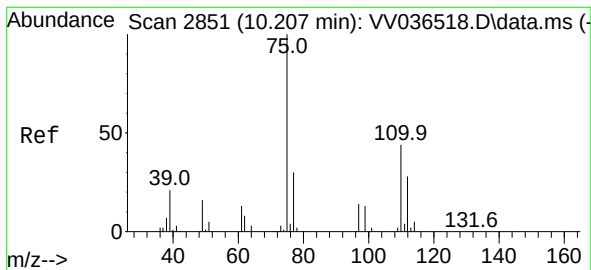
43 100

58 3.3 49.5 74.3#

57 0.0 15.3 22.9#

100 2.9 12.9 19.3#





#61

1,2,3-Trichloropropane

Concen: 5.547 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.977 min

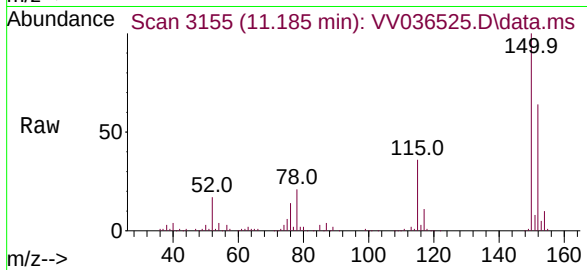
Lab File: VV036525.D

Acq: 15 Jul 2024 14:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6350

Ion Ratio Lower Upper

75 100

77 37.6 25.6 38.4

110 2.4 34.8 52.2#

